Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122321\
Data File : BN018200.D
Acq On : 24 Dec 2021 04:01
Operator : CG/JU
Sample : M5107-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Quant Time: Dec 24 23:34:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 23 14:22:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	41580	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	181699	0.400	ng	# 0.00
13) Acenaphthene-d10	14.256	164	122789	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	229133	0.400	ng	# 0.00
29) Chrysene-d12	21.153	240	5331	0.400	ng	#-0.04
35) Perylene-d12	23.454	264	4390	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.254	112	308	0.003	ng	0.03
5) Phenol-d6	6.822	99	2469	0.025	ng	0.00
8) Nitrobenzene-d5	8.772	82	21725	0.178	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	40455	0.130	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	172	0.182	ng	0.03
15) 2-Fluorobiphenyl	12.873	172	61963	0.135	ng	-0.01
27) Fluoranthene-d10	19.038	212	57473	0.079	ng	0.00
31) Terphenyl-d14	19.594	244	1700	0.145	ng	-0.05
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.465	42	10281	0.283	ng	# 1
9) Naphthalene	10.445	128	33836	0.075	ng	97
12) 2-Methylnaphthalene	12.065	142	18021	0.061	ng	96
20) 4,6-Dinitro-2-methylph...	15.436	198	356	0.180	ng	# 1
23) Atrazine	16.470	200	1201	0.112	ng	# 1
24) Pentachlorophenol	16.665	266	745	0.303	ng	# 71
25) Phenanthrene	17.030	178	148391	0.244	ng	# 92
26) Anthracene	17.127	178	10386	0.021	ng	# 71
28) Fluoranthene	19.073	202	125348	0.177	ng	# 90
30) Pyrene	19.366	202	9600	0.561	ng	# 46
32) Benzo(a)anthracene	21.110	228	2142	0.138	ng	# 1
33) Chrysene	21.227	228	25456	1.507	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.089	149	105505	12.454	ng	# 51
36) Indeno(1,2,3-cd)pyrene	25.757	276	9950	0.783	ng	# 73
37) Benzo(b)fluoranthene	22.837	252	63910	4.707	ng	# 1
38) Benzo(k)fluoranthene	22.837	252	44550	3.256	ng	# 1
39) Benzo(a)pyrene	23.313	252	23827	1.952	ng	# 1
40) Dibenzo(a,h)anthracene	25.764	278	3594	0.361	ng	# 1
41) Benzo(g,h,i)perylene	26.449	276	18780	1.605	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 23 14:22:48 2021
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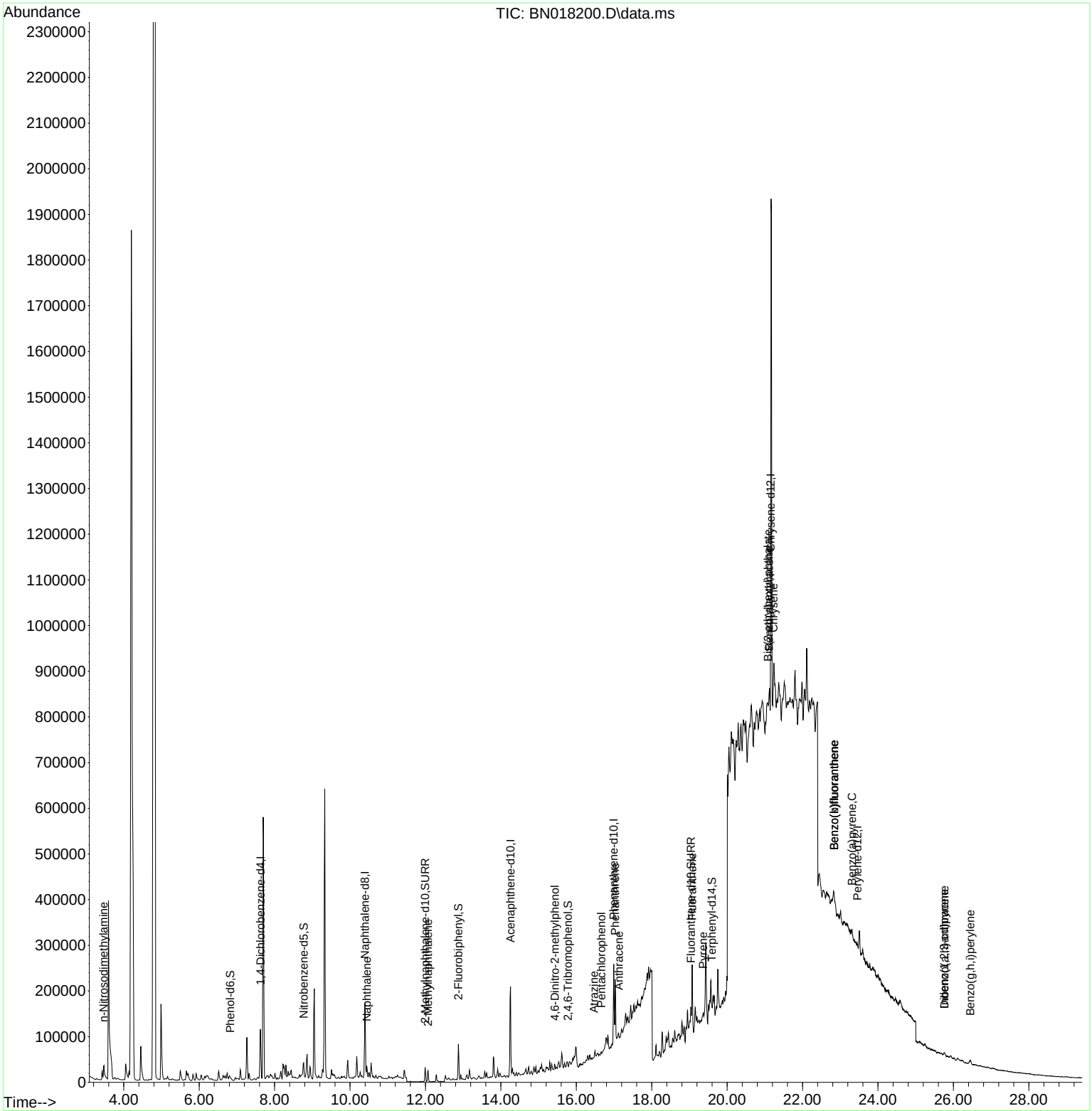
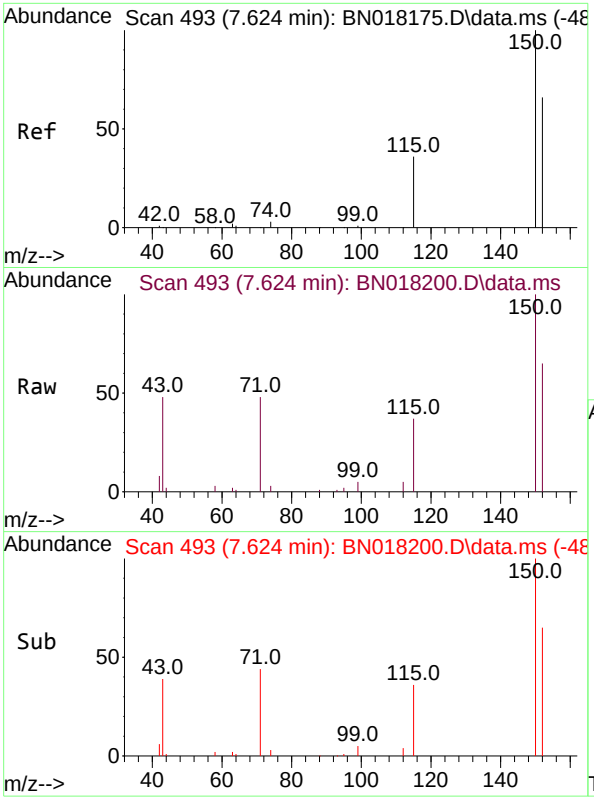


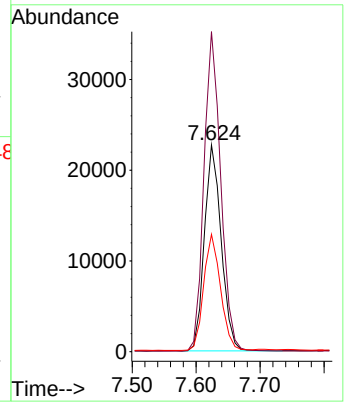


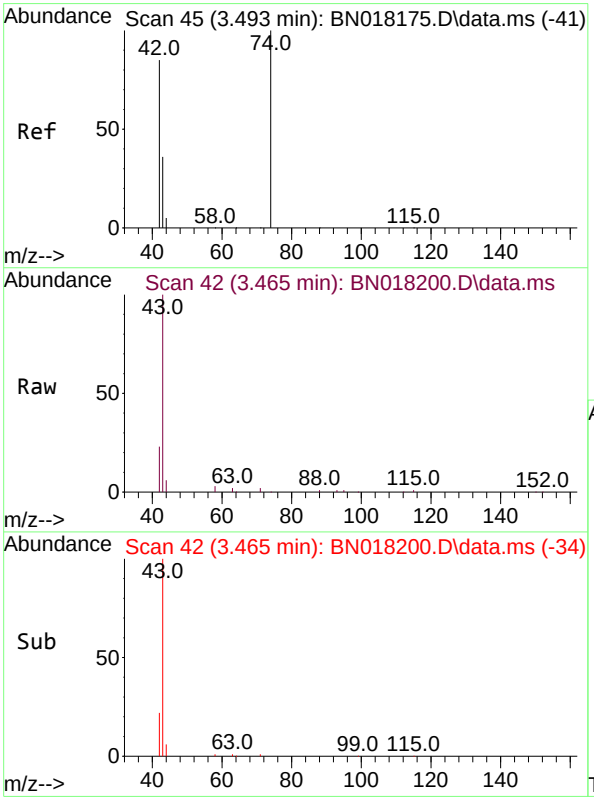
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:152 Resp: 41580

Ion	Ratio	Lower	Upper
152	100		
150	154.8	121.7	182.5
115	56.7	43.8	65.8

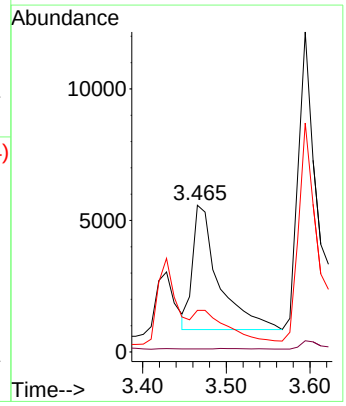


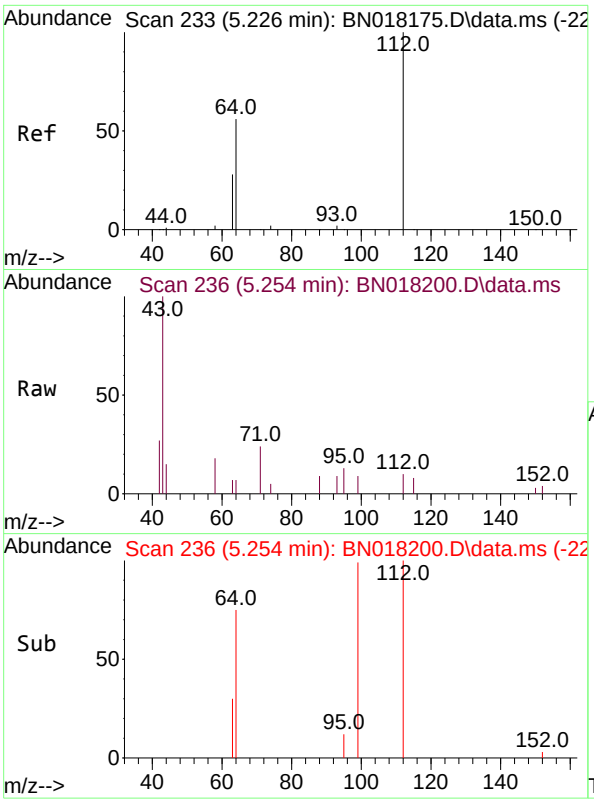


#3
n-Nitrosodimethylamine
Concen: 0.283 ng
RT: 3.465 min Scan# 42
Delta R.T. -0.028 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion: 42 Resp: 10281

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	28.4	5.8	8.8#



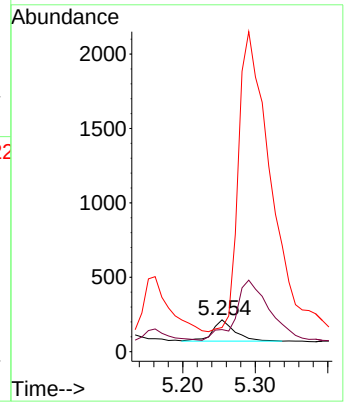


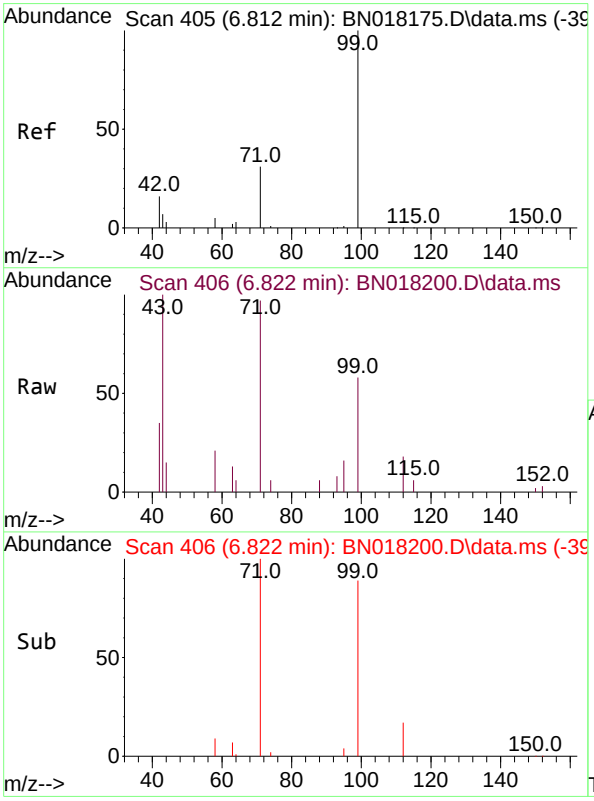
#4
2-Fluorophenol
Concen: 0.003 ng
RT: 5.254 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:112 Resp: 308

Ion	Ratio	Lower	Upper
112	100		
64	0.0	48.0	72.0#
63	0.0	25.3	37.9#

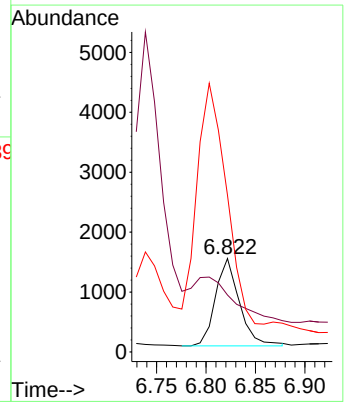


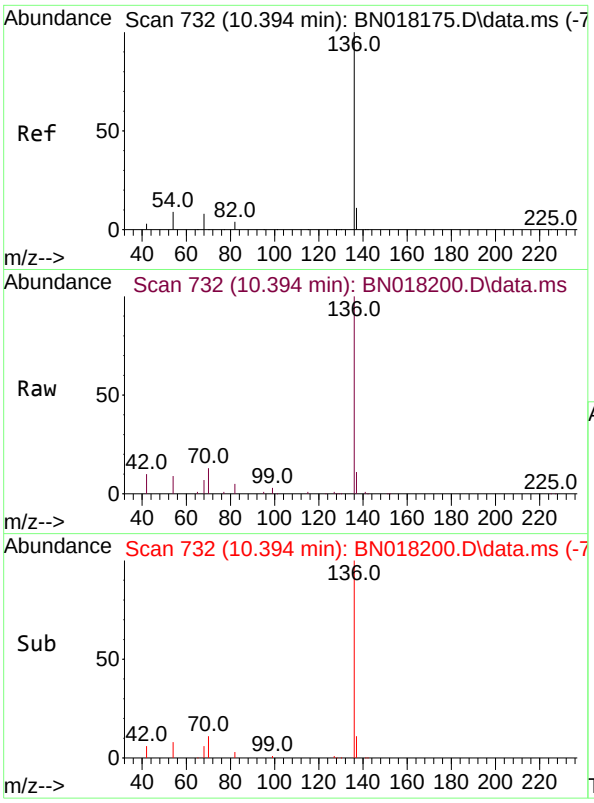


#5
Phenol-d6
Concen: 0.025 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.010 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion: 99 Resp: 2469

Ion	Ratio	Lower	Upper
99	100		
42	72.3	16.3	24.5#
71	330.7	26.8	40.2#



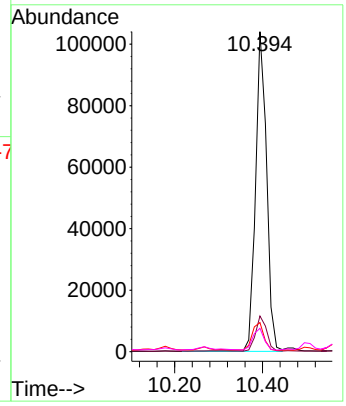


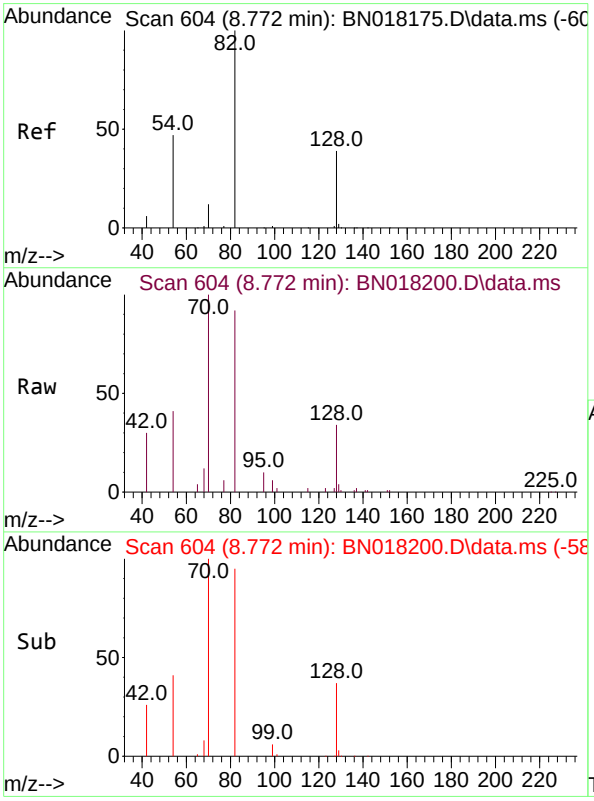
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:136 Resp: 181699

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	9.1	5.0	7.6#
68	7.3	4.4	6.6#

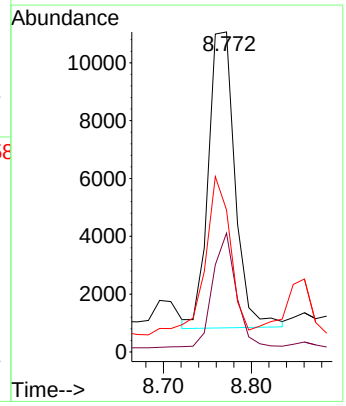


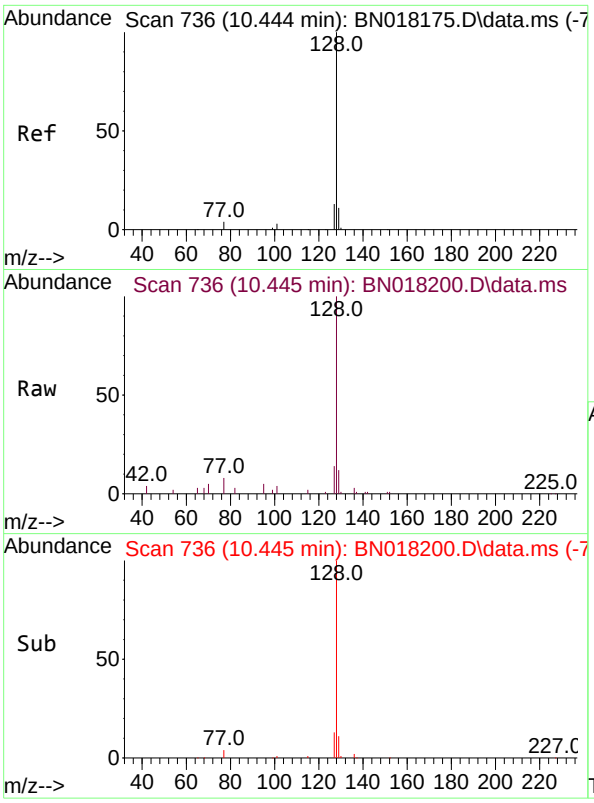


#8
Nitrobenzene-d5
Concen: 0.178 ng
RT: 8.772 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion: 82 Resp: 21725

Ion	Ratio	Lower	Upper
82	100		
128	37.2	33.7	50.5
54	44.4	36.6	55.0



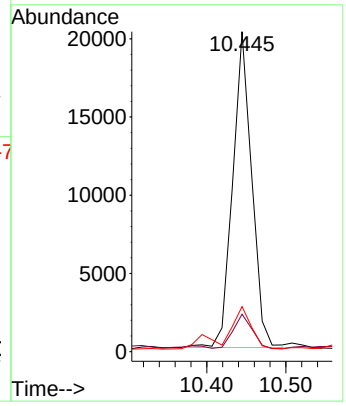


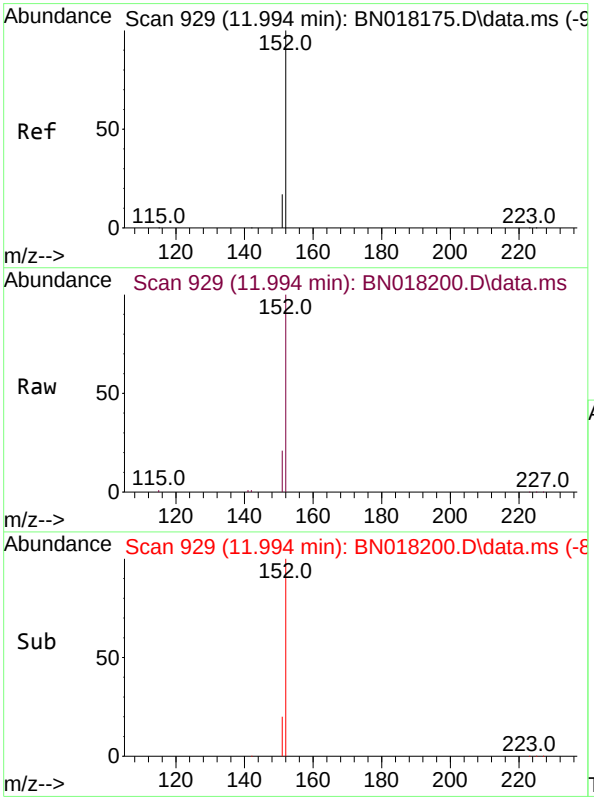
#9
Naphthalene
Concen: 0.075 ng
RT: 10.445 min Scan# 7
Delta R.T. 0.001 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:128 Resp: 33836

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.7	13.1
127	14.1	10.4	15.6

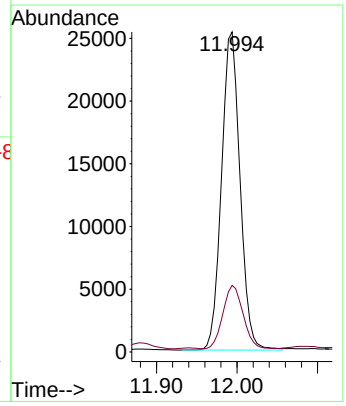


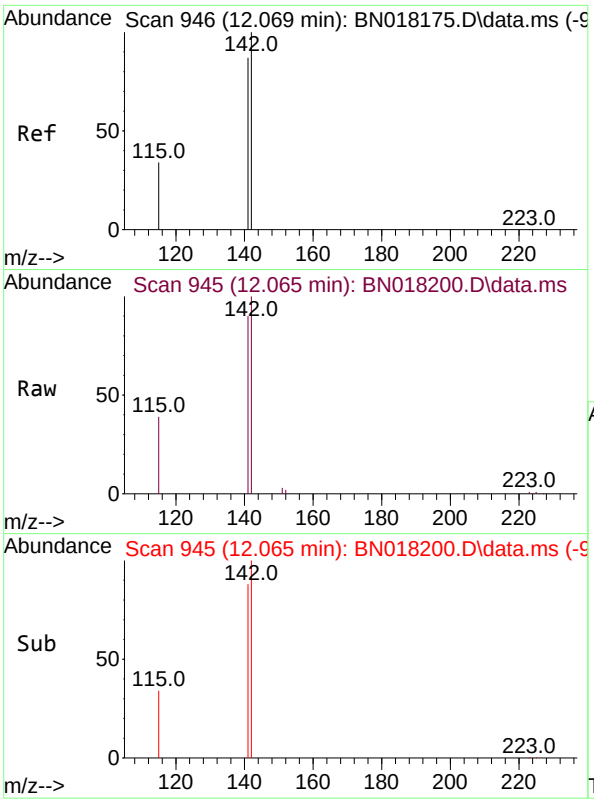


#11
2-Methylnaphthalene-d10
Concen: 0.130 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.000 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:152 Resp: 40455

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.2	24.2



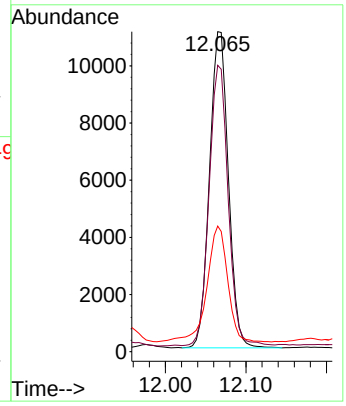


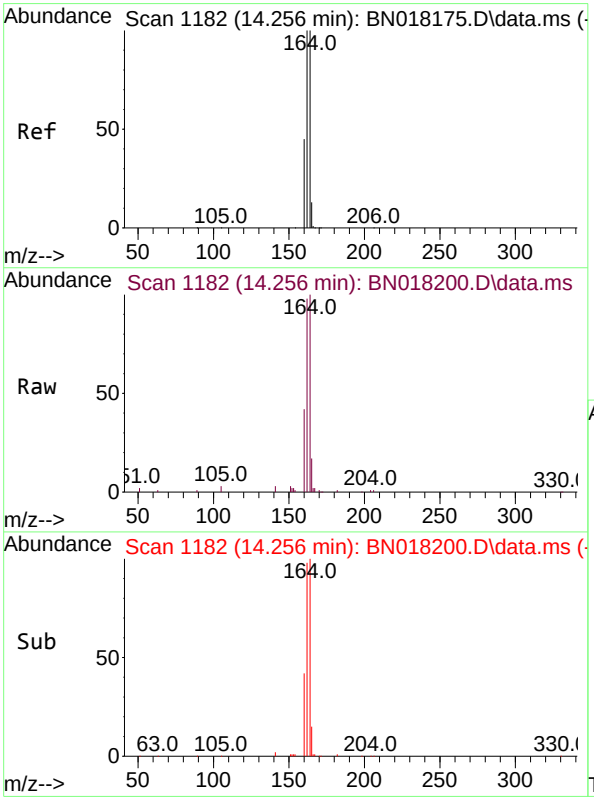
#12
2-Methylnaphthalene
Concen: 0.061 ng
RT: 12.065 min Scan# 94
Delta R.T. -0.004 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:142 Resp: 18021

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.0	105.0
115	39.2	27.8	41.8

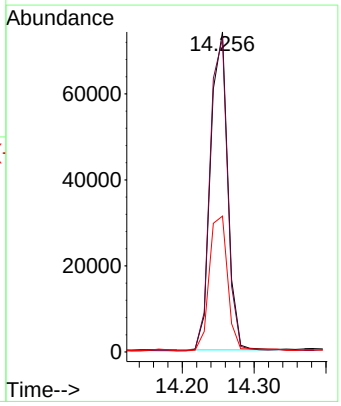


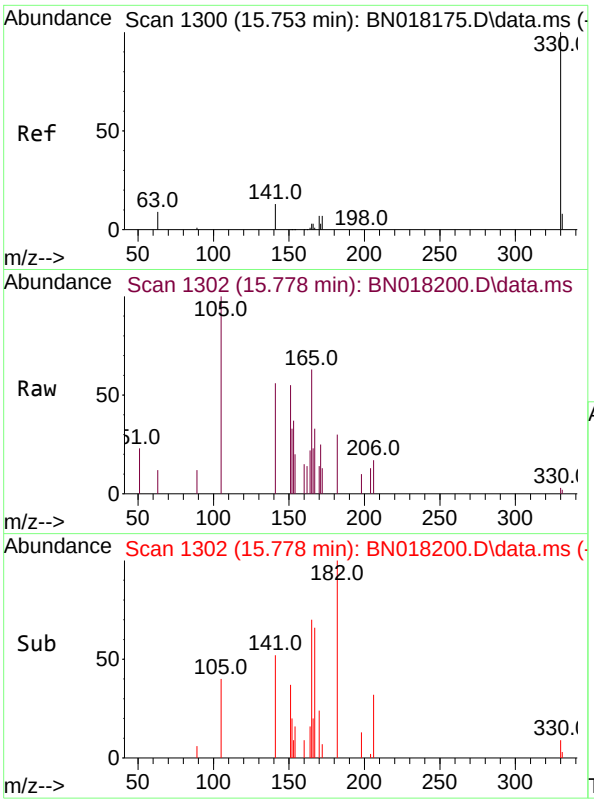


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:164 Resp: 122789

Ion	Ratio	Lower	Upper
164	100		
162	97.9	80.2	120.2
160	42.5	36.9	55.3



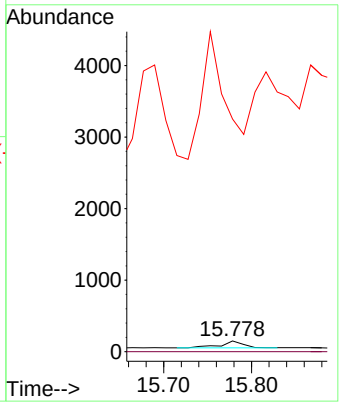


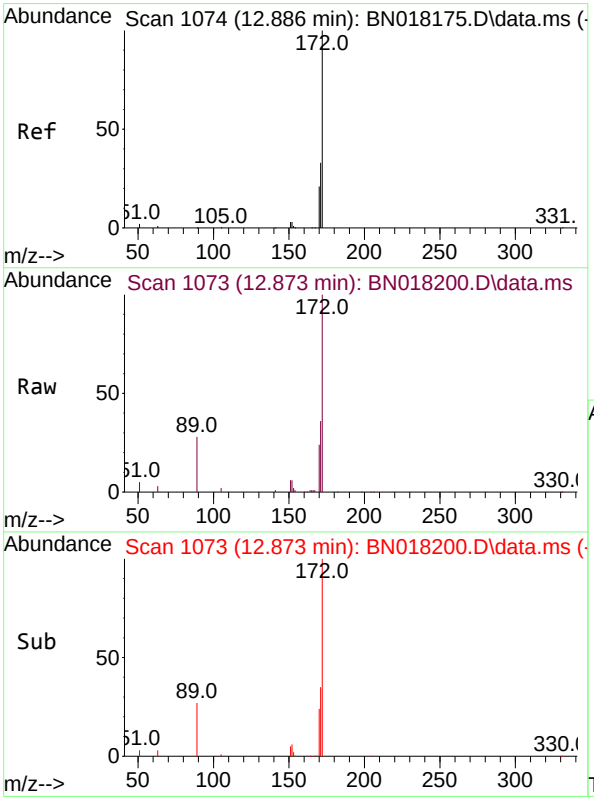
#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.778 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:330 Resp: 172

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	21.3	31.9#

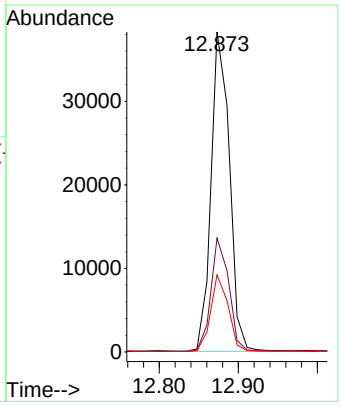


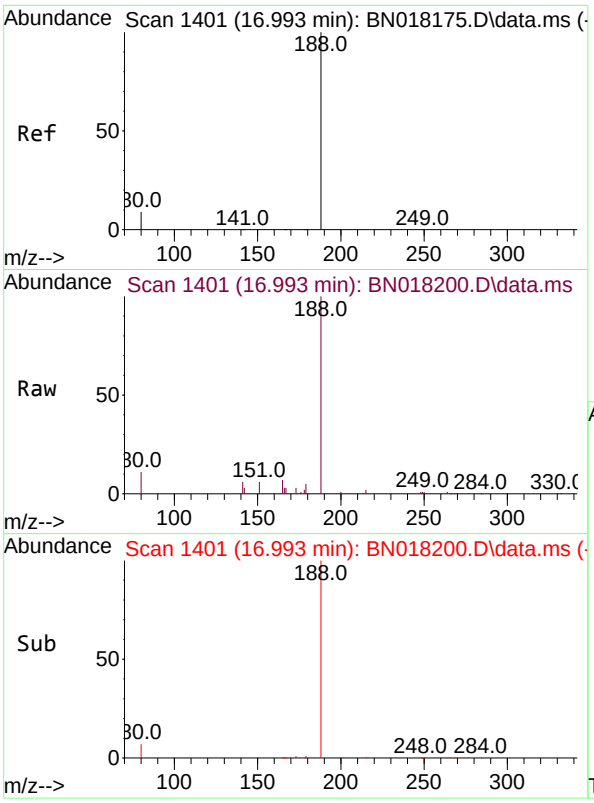


#15
2-Fluorobiphenyl
Concen: 0.135 ng
RT: 12.873 min Scan# 1073
Delta R.T. -0.013 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:172 Resp: 61963

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.4	41.0
170	24.1	18.4	27.6



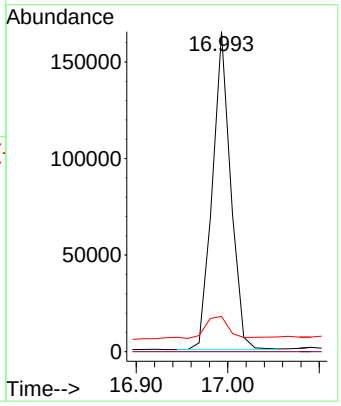


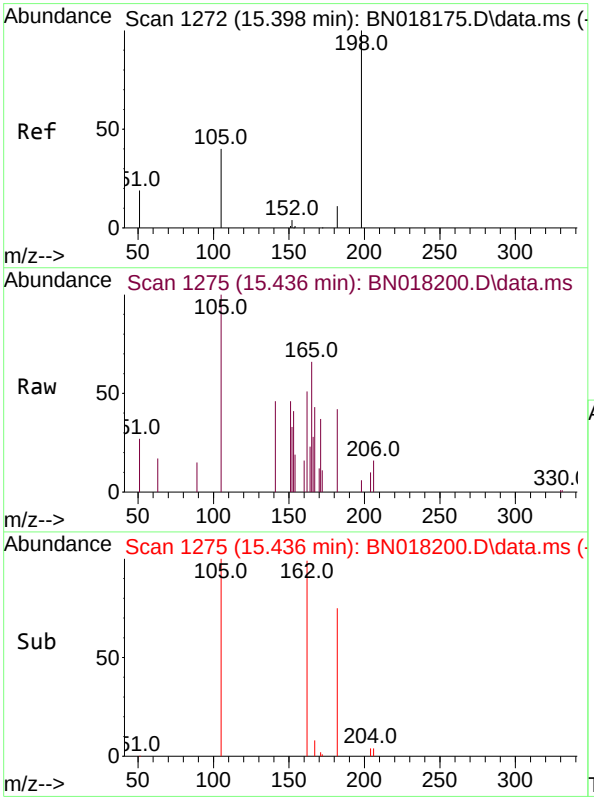
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:188 Resp: 229133

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	7.0	10.4#

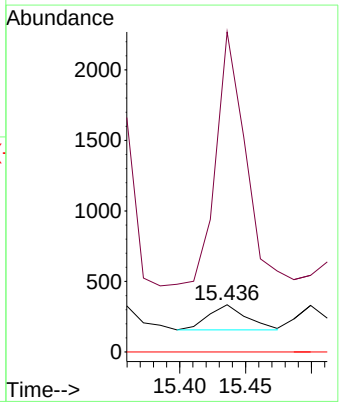


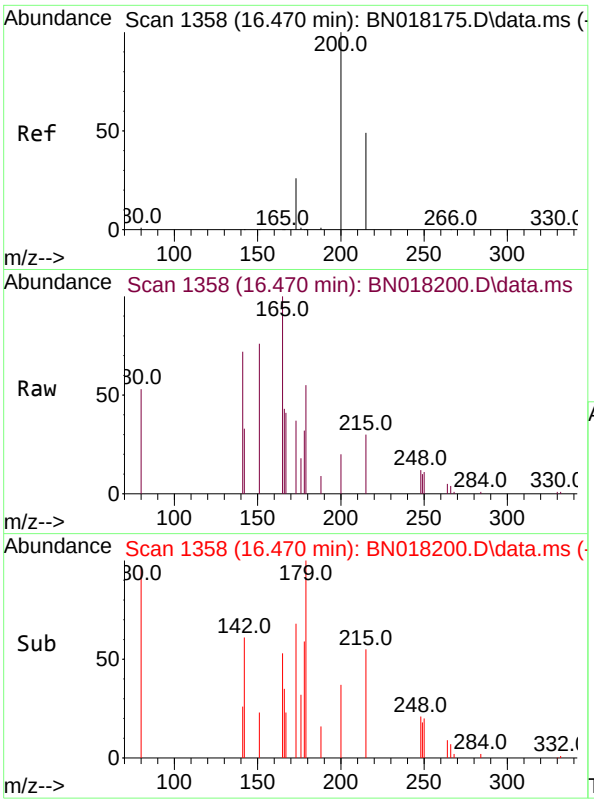


#20
4,6-Dinitro-2-methylphenol
Concen: 0.180 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.038 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:198 Resp: 356

Ion	Ratio	Lower	Upper
198	100		
182	677.3	15.5	23.3#
77	0.0	0.0	0.0



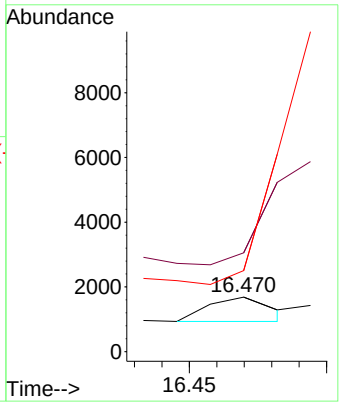


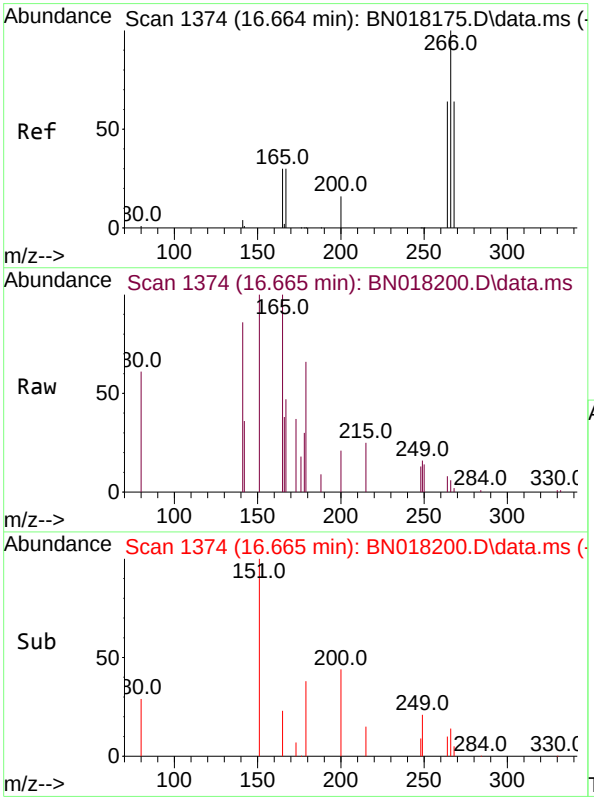
#23
Atrazine
Concen: 0.112 ng
RT: 16.470 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:200 Resp: 1201

Ion	Ratio	Lower	Upper
200	100		
173	181.5	20.3	30.5#
215	148.8	40.4	60.6#

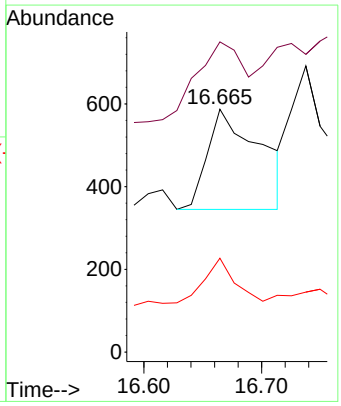


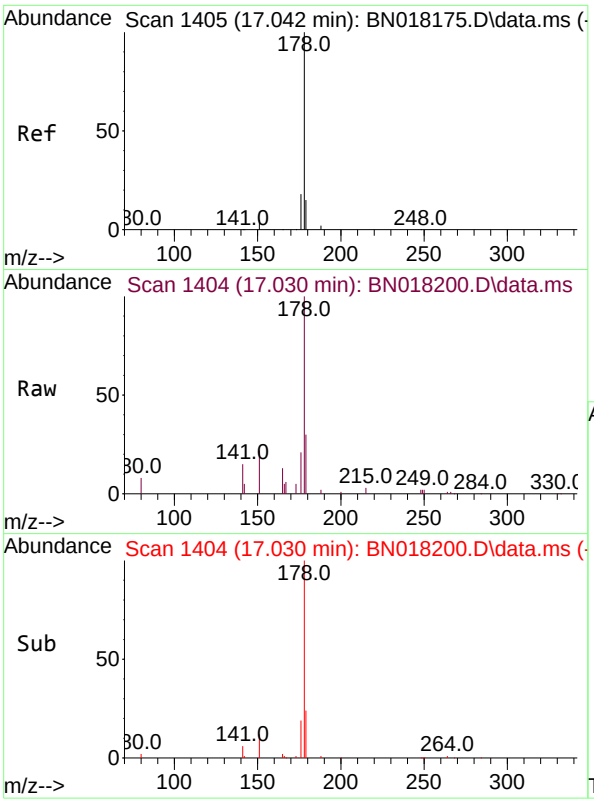


#24
Pentachlorophenol
Concen: 0.303 ng
RT: 16.665 min Scan# 1374
Delta R.T. 0.001 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:266 Resp: 745

Ion	Ratio	Lower	Upper
266	100		
264	74.8	49.5	74.3#
268	31.1	50.6	76.0#



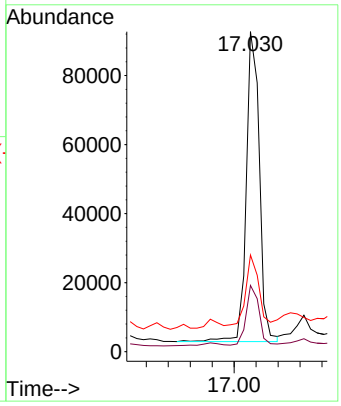


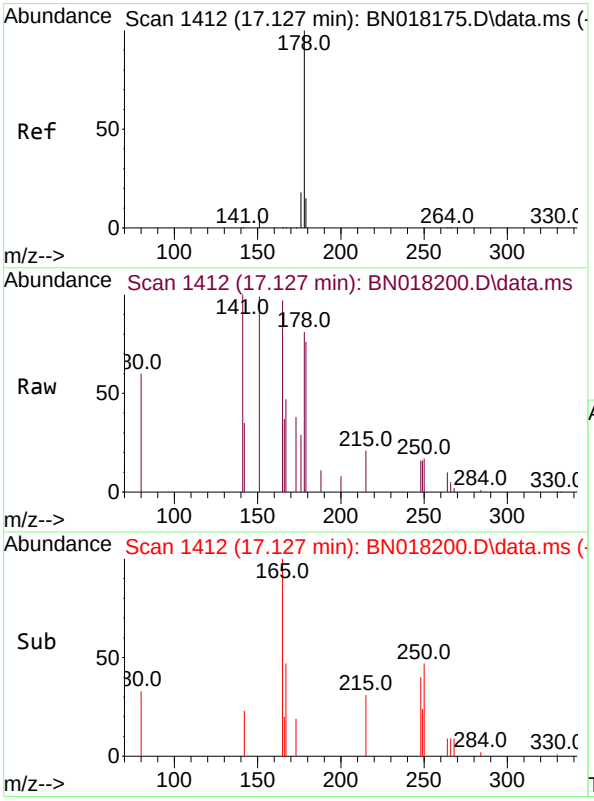
#25
Phenanthrene
Concen: 0.244 ng
RT: 17.030 min Scan# 14
Delta R.T. -0.012 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:178 Resp: 148391

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	22.2	12.3	18.5#

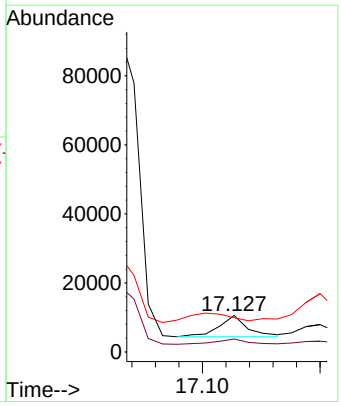


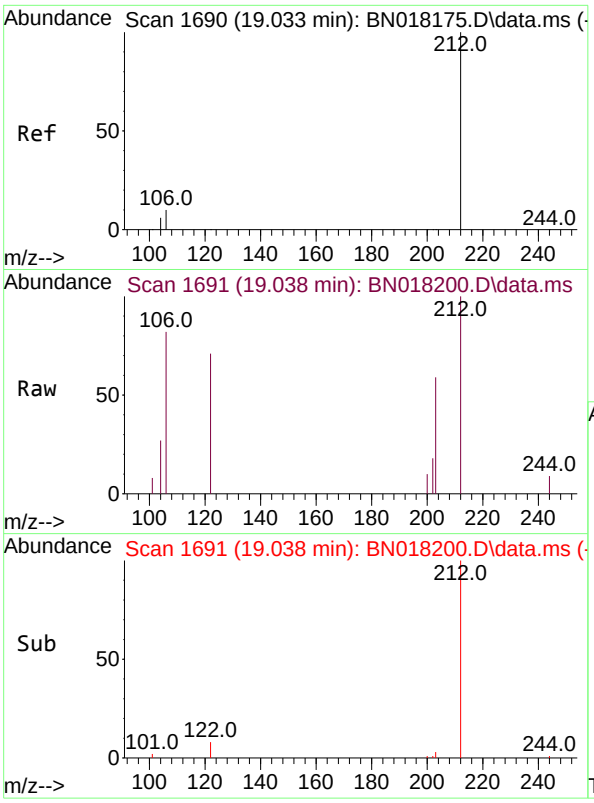


#26
Anthracene
Concen: 0.021 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:178 Resp: 10386

Ion	Ratio	Lower	Upper
178	100		
176	28.4	14.8	22.2#
179	0.0	12.2	18.4#



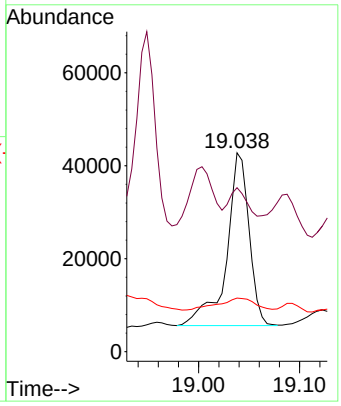


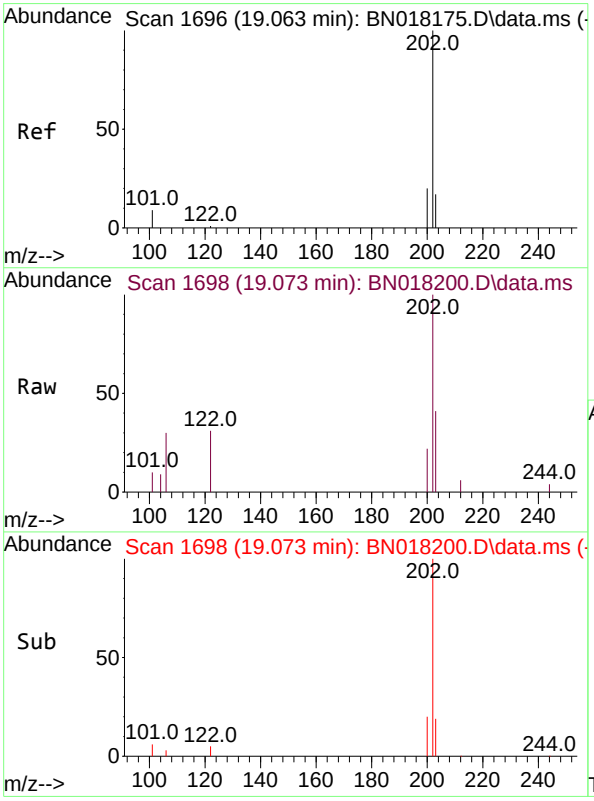
#27
Fluoranthene-d10
Concen: 0.079 ng
RT: 19.038 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:212 Resp: 57473

Ion	Ratio	Lower	Upper
212	100		
106	15.5	8.4	12.6#
104	11.1	4.5	6.7#

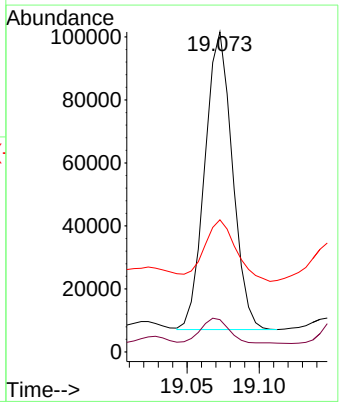


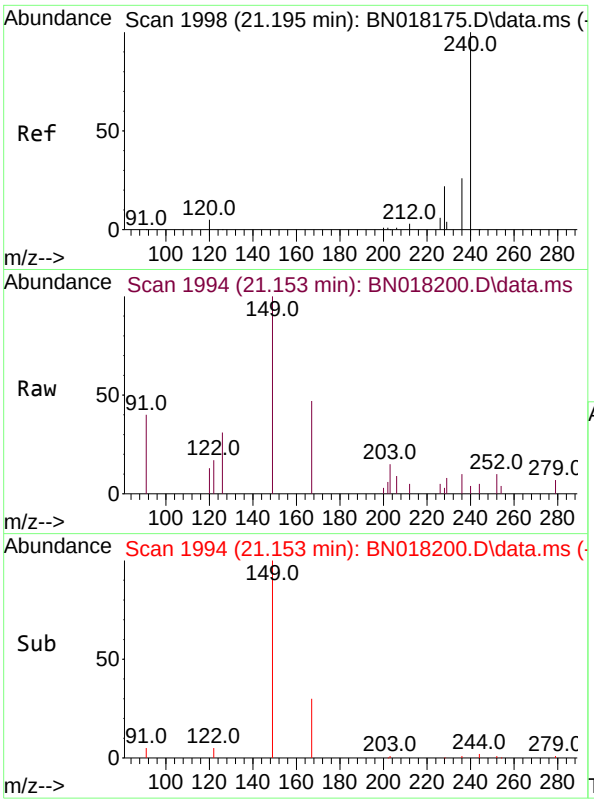


#28
Fluoranthene
Concen: 0.177 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.010 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:202 Resp: 125348

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.2	10.8
203	23.7	13.7	20.5#



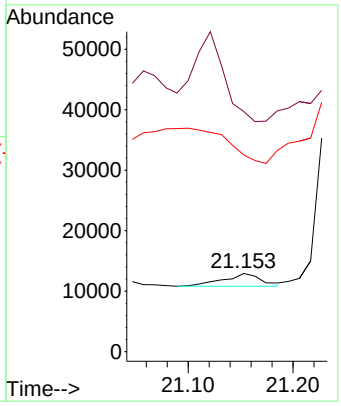


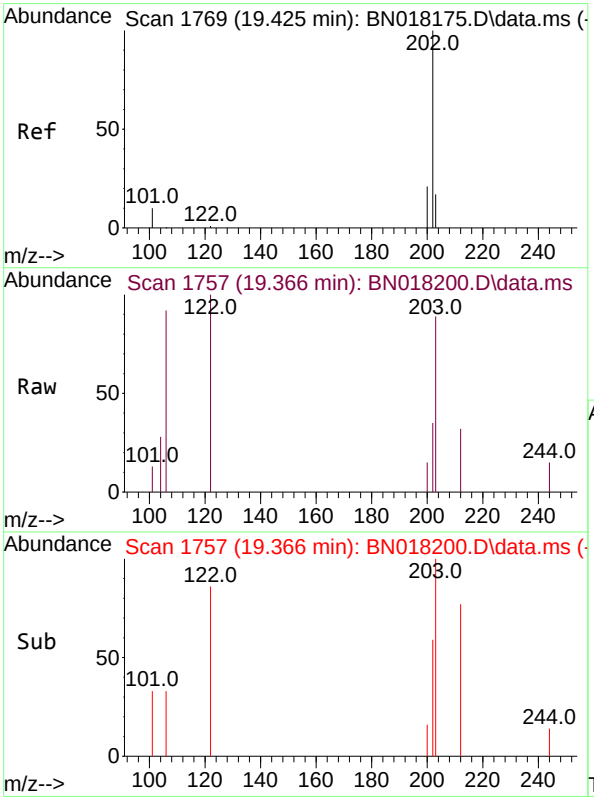
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.153 min Scan# 1
Delta R.T. -0.042 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:240 Resp: 5331

Ion	Ratio	Lower	Upper
240	100		
120	307.0	6.0	9.0#
236	251.5	21.4	32.2#

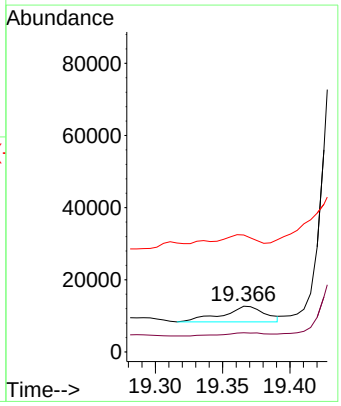


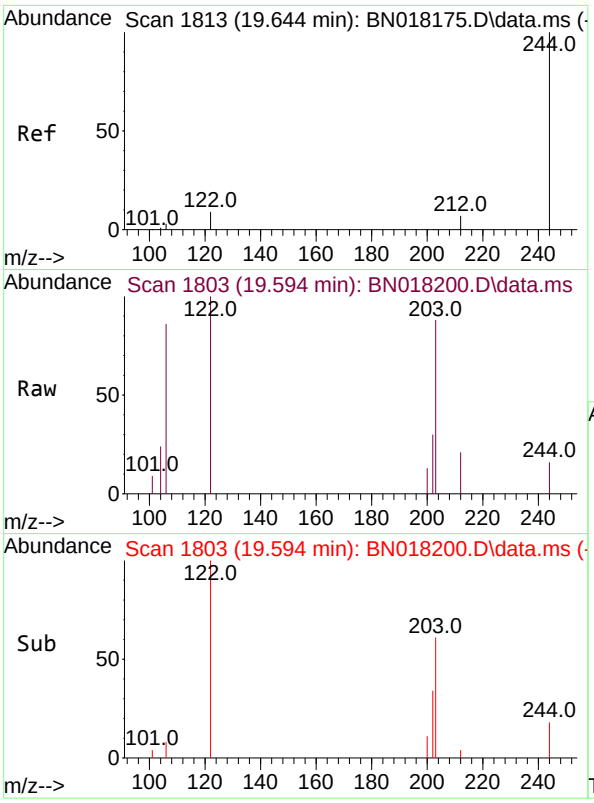


#30
Pyrene
Concen: 0.561 ng
RT: 19.366 min Scan# 1757
Delta R.T. -0.059 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:202 Resp: 9600

Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.6	25.0
203	67.6	14.1	21.1#



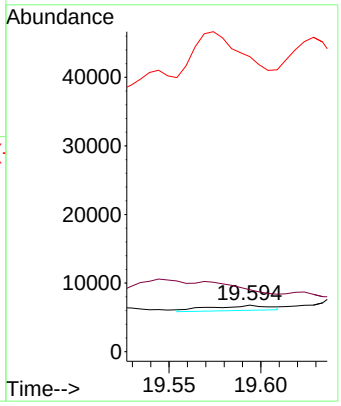


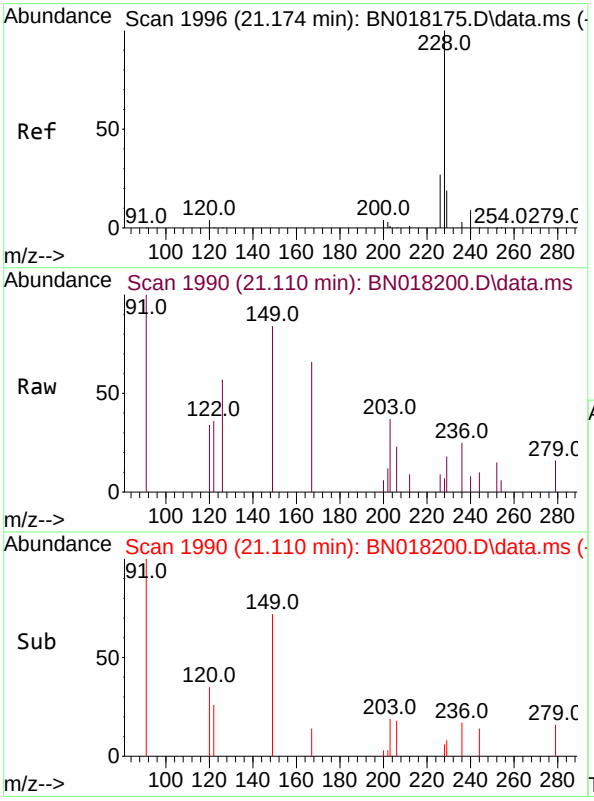
#31
Terphenyl-d14
Concen: 0.145 ng
RT: 19.594 min Scan# 1
Delta R.T. -0.050 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:244 Resp: 1700

Ion	Ratio	Lower	Upper
244	100		
212	133.2	6.2	9.2#
122	634.4	7.9	11.9#

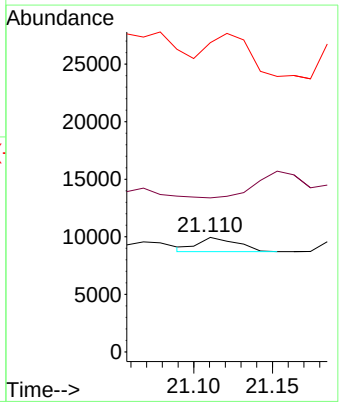


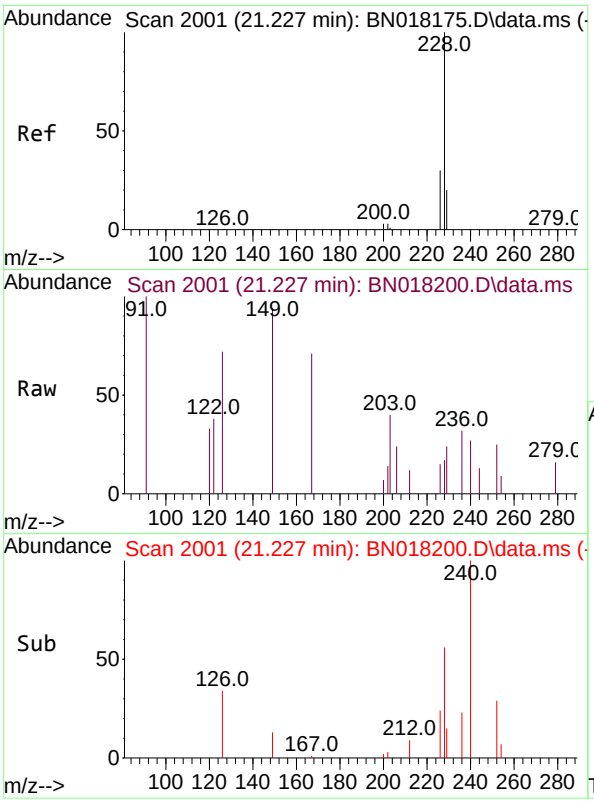


#32
Benzo(a)anthracene
Concen: 0.138 ng
RT: 21.110 min Scan# 1990
Delta R.T. -0.064 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:228 Resp: 2142

Ion	Ratio	Lower	Upper
228	100		
226	134.4	21.3	31.9#
229	269.8	15.9	23.9#



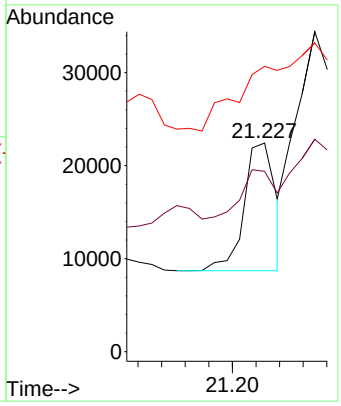


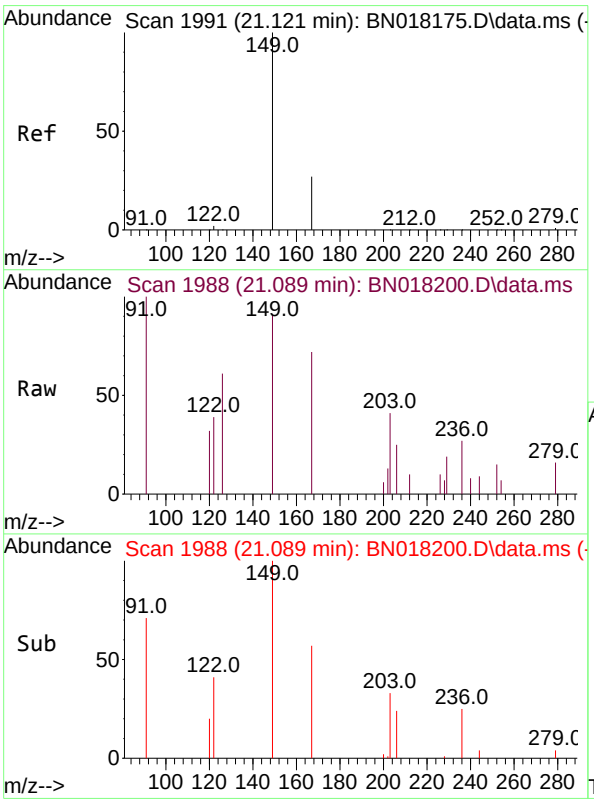
#33
Chrysene
Concen: 1.507 ng
RT: 21.227 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:228 Resp: 25456

Ion	Ratio	Lower	Upper
228	100		
226	86.5	24.2	36.4#
229	136.7	15.5	23.3#

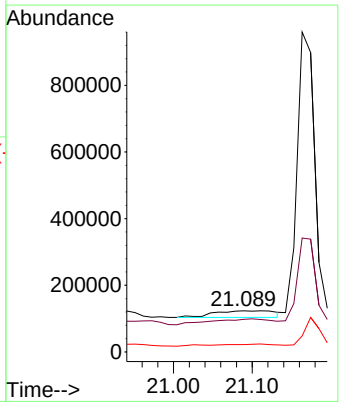


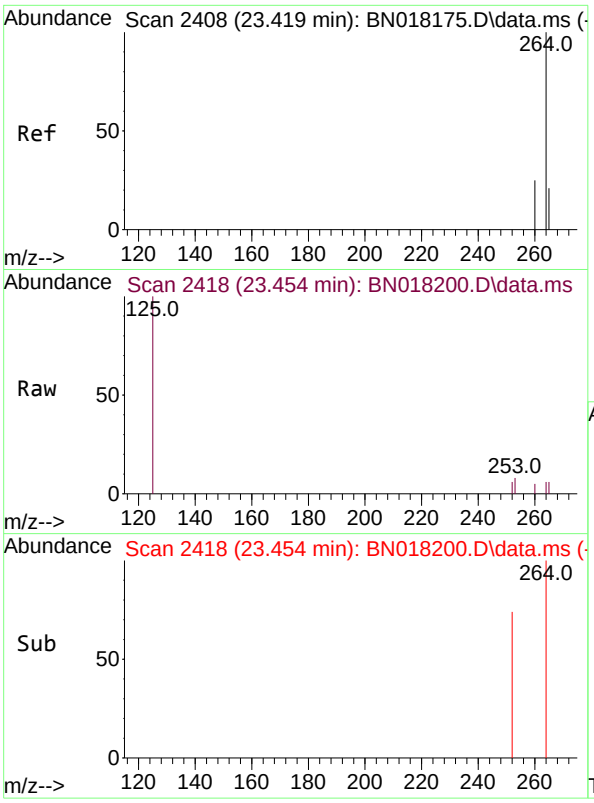


#34
Bis(2-ethylhexyl)phthalate
Concen: 12.454 ng
RT: 21.089 min Scan# 1988
Delta R.T. -0.032 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:149 Resp: 105505

Ion	Ratio	Lower	Upper
149	100		
167	0.0	23.7	35.5#
279	0.0	3.6	5.4#



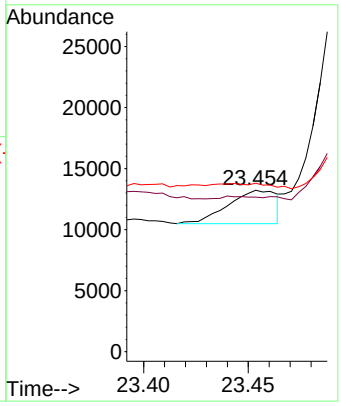


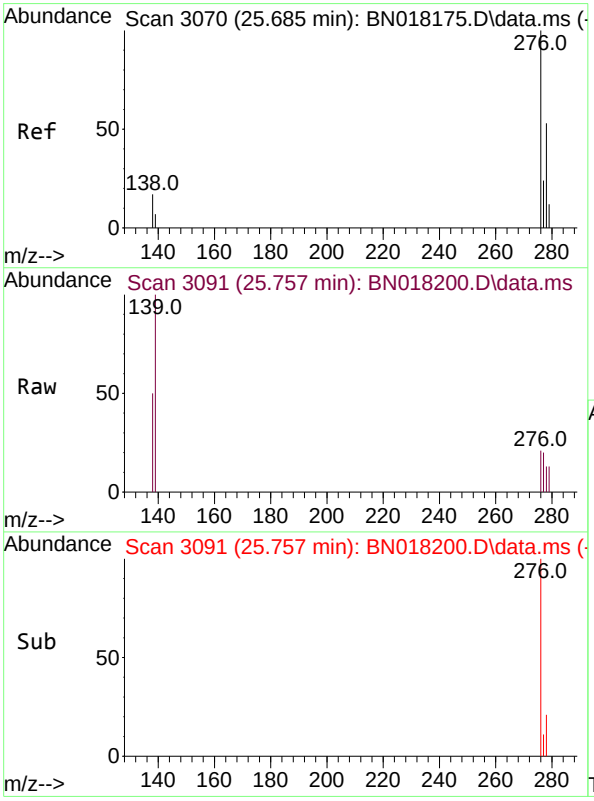
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.454 min Scan# 24
Delta R.T. 0.035 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:264 Resp: 4390

Ion	Ratio	Lower	Upper
264	100		
260	95.8	20.2	30.4#
265	104.3	18.2	27.2#

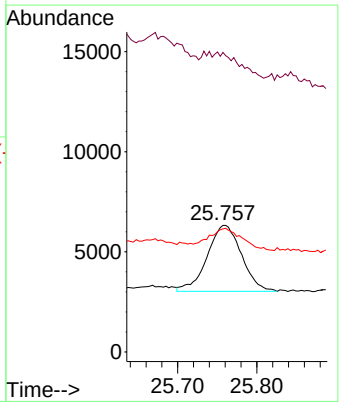


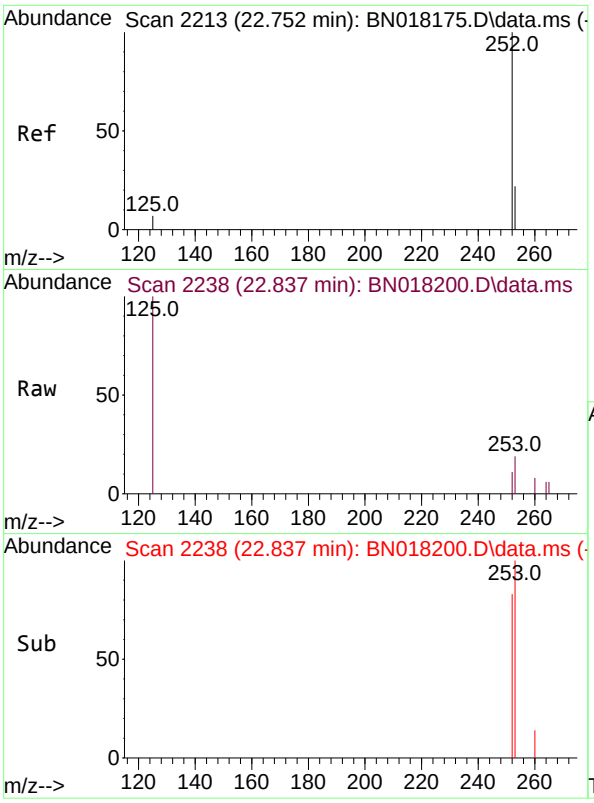


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.783 ng
RT: 25.757 min Scan# 3091
Delta R.T. 0.072 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:276 Resp: 9950

Ion	Ratio	Lower	Upper
276	100		
138	0.0	14.9	22.3#
277	33.1	19.9	29.9#



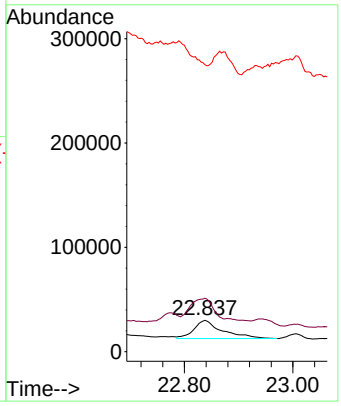


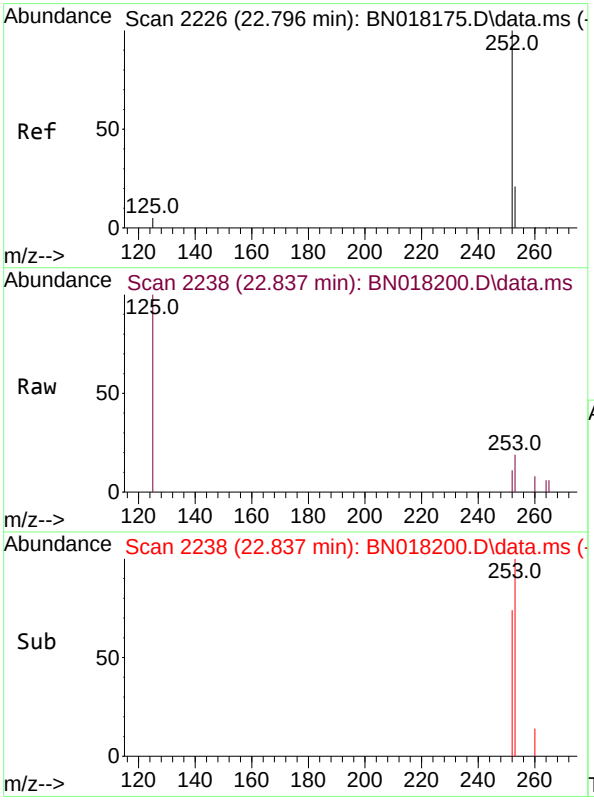
#37
Benzo(b)fluoranthene
Concen: 4.707 ng
RT: 22.837 min Scan# 2
Delta R.T. 0.085 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:252 Resp: 63910

Ion	Ratio	Lower	Upper
252	100		
253	170.0	17.8	26.6#
125	914.6	6.0	9.0#

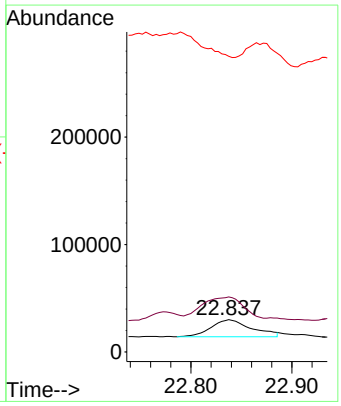


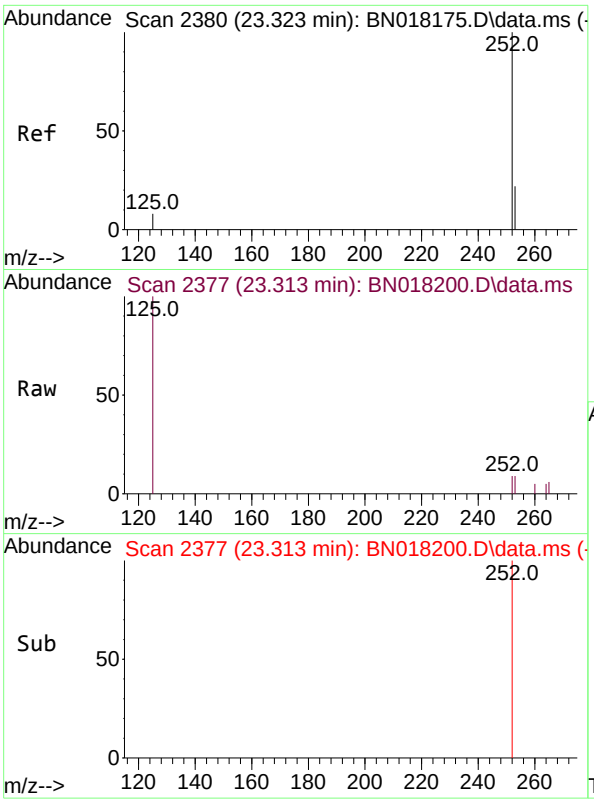


#38
Benzo(k)fluoranthene
Concen: 3.256 ng
RT: 22.837 min Scan# 2238
Delta R.T. 0.041 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:252 Resp: 44550

Ion	Ratio	Lower	Upper
252	100		
253	170.0	17.7	26.5#
125	914.6	6.2	9.2#



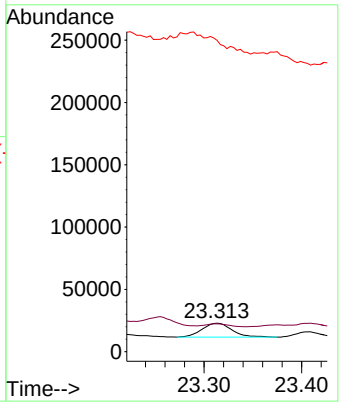


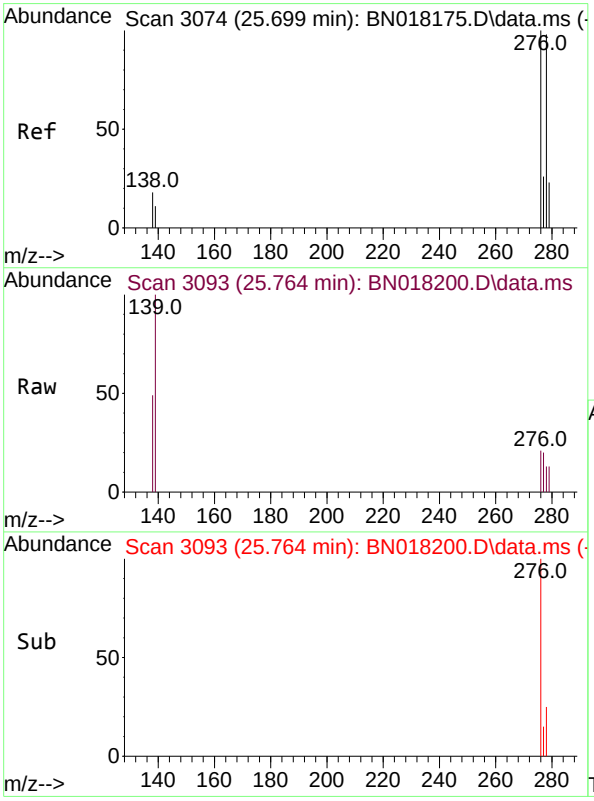
#39
Benzo(a)pyrene
Concen: 1.952 ng
RT: 23.313 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:252 Resp: 23827

Ion	Ratio	Lower	Upper
252	100		
253	97.4	17.8	26.6#
125	1090.8	7.0	10.4#

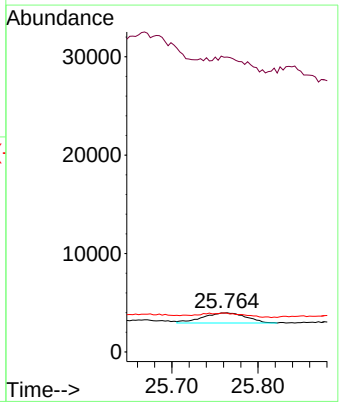


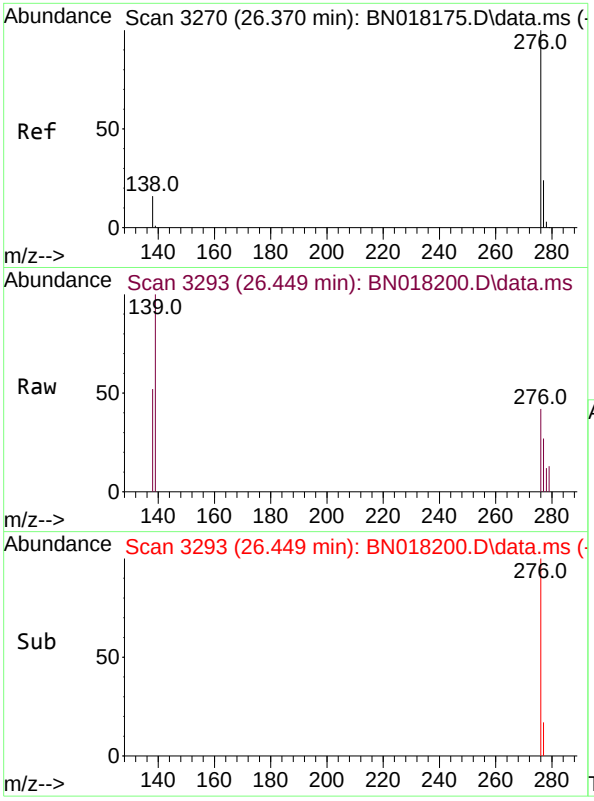


#40
Dibenzo(a,h)anthracene
Concen: 0.361 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.065 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Tgt Ion:278 Resp: 3594

Ion	Ratio	Lower	Upper
278	100		
139	752.6	10.8	16.2#
279	98.9	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 1.605 ng
RT: 26.449 min Scan# 3
Delta R.T. 0.079 min
Lab File: BN018200.D
Acq: 24 Dec 2021 04:01

Instrument :
BNA_N
ClientSampleId :
OB-CS-09

Tgt Ion:276 Resp: 18780

Ion	Ratio	Lower	Upper
276	100		
277	64.7	19.0	28.6#
138	123.2	12.6	19.0#